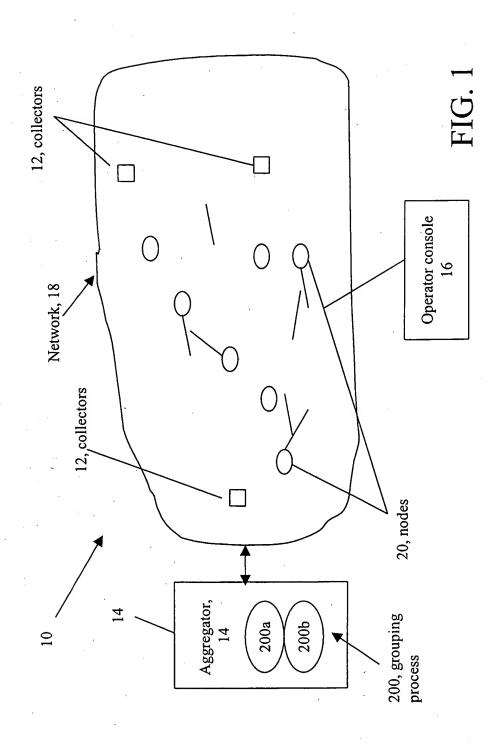
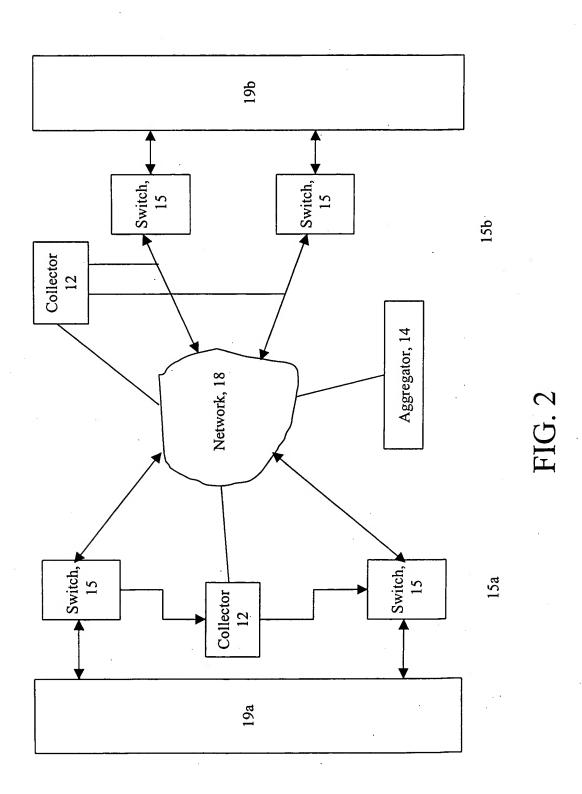
Matter No.: 12221-018001 Page 1 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



Matter No.: 12221-018001 Page 2 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



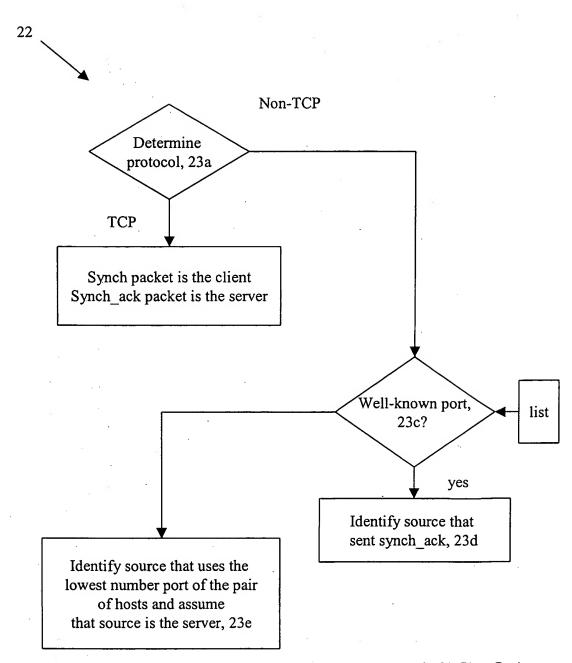
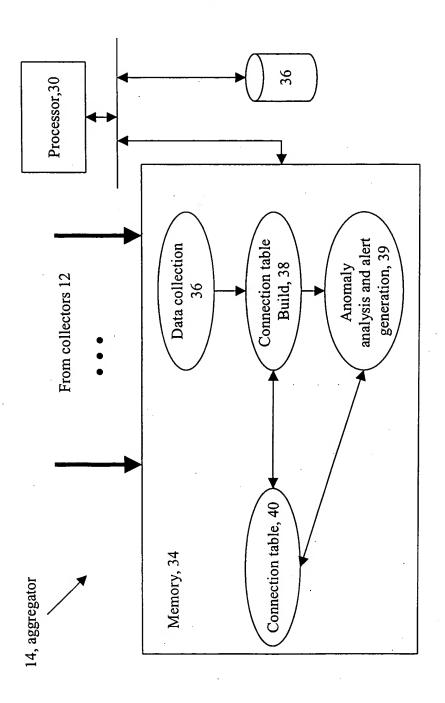


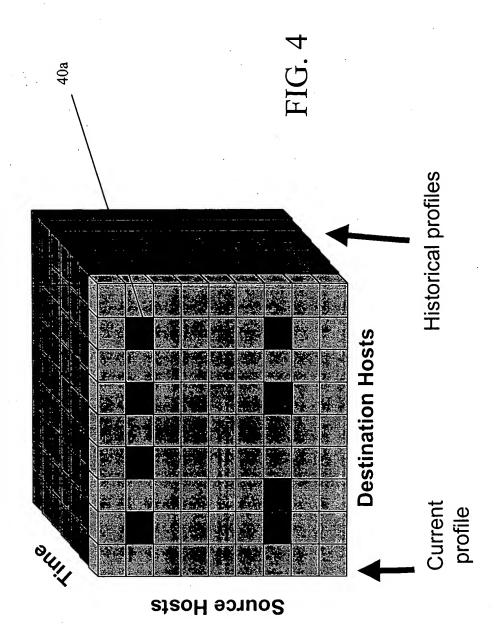
FIG. 2A

Matter No.: 12221-018001 Page 4 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

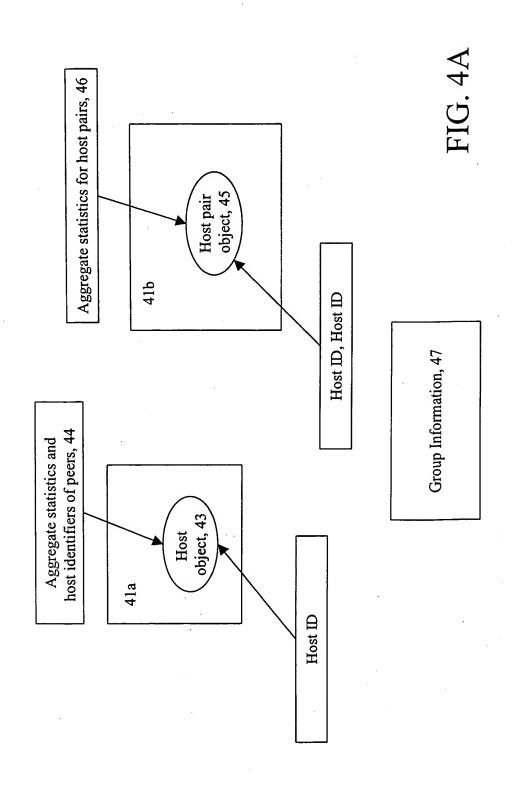


Page 5 of 42

Matter No.: 12221-018001 Page 5 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



Matter No.: 12221-018001 Page 6 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

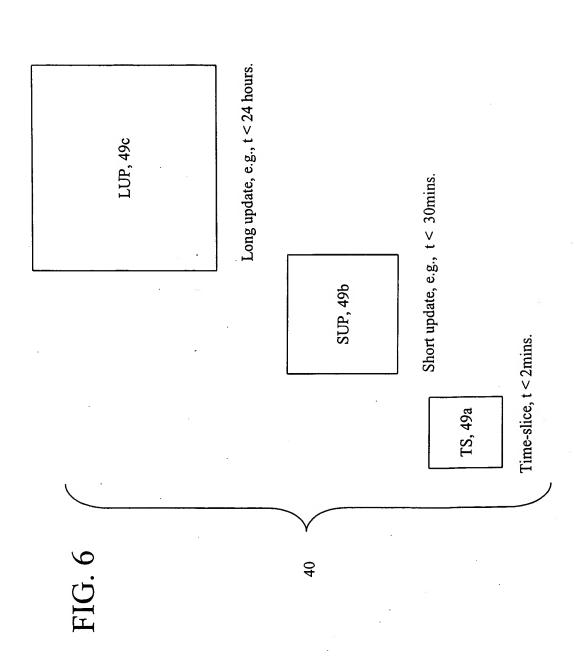


Page 7 of 42

Matter No.: 12221-018001 Page 7 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

Time Slice	Fri	Thu	Wed	•••	Sun	Sat	Fri .
Services provided by A (Web Server) to B (Desktop)	A (Web	Server) to B (D	esktop)			,
WWW (TCP:80)							
Bytes / sec	2k	3k	11k	:	2k	4k	3k
Packets / sec	5	9	7		S	6	S
Conn's. / hr	٤.	.5	.3		.2	.3	.3
SSH (TCP:22)			_		-	-	·
Bytes / sec	1k	3k	4k	•	11k	2k	3k
Packets / sec	7	9	6		7	S.	9
Conn's. / hr	κi	'n	ĸ;		ų.	£.	'n
				:			
Services provided by B (Desktop) to A (Web Server)	B (Desk	top) to	A (Web	Server)			
SSH (TCP:22)							
Bytes / sec	21k	0	0		0	0	0
Packets / sec	10	0	0	:	0	0	Ò
Conn's. / hr	1	0	0		0	0	0.

Matter No.: 12221-018001 Page 8 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

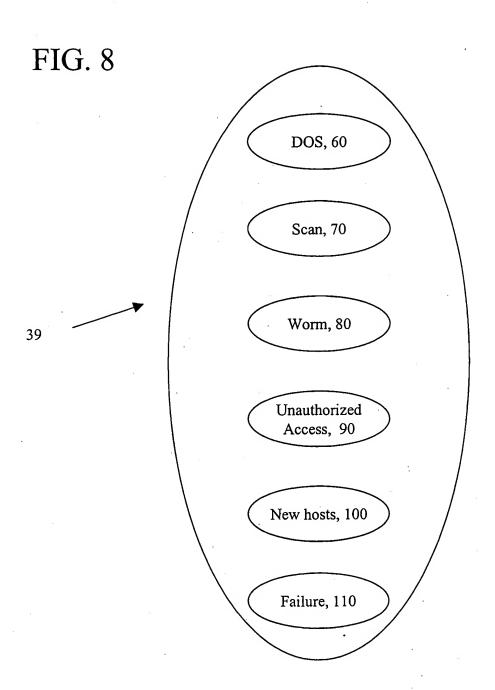


Matter No.: 12221-018001 Page 9 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

Page 9 of 42

Aggregator cluster member, 14n

Aggregator cluster member, 14a



Applicant(s): Unknown at this time

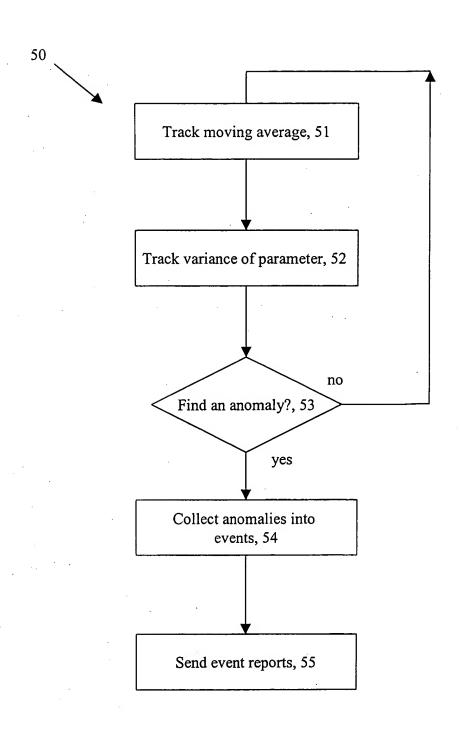


FIG. 9

Matter No.: 12221-018001 Page 12 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

Identify and correlate anomalies by examining connection patterns, 56b

Determine event, 56c

Determine event severity, 56d

Report event, 56e

FIG. 10

Matter No.: 12221-018001 Applicant(s): Unknown at this time

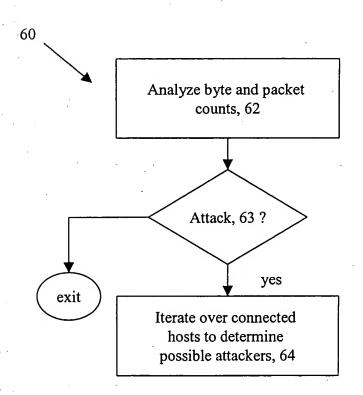
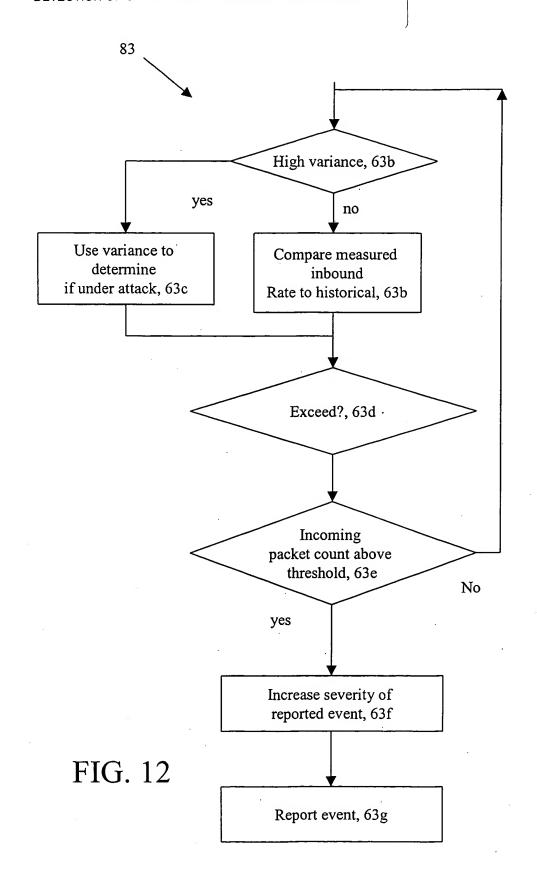
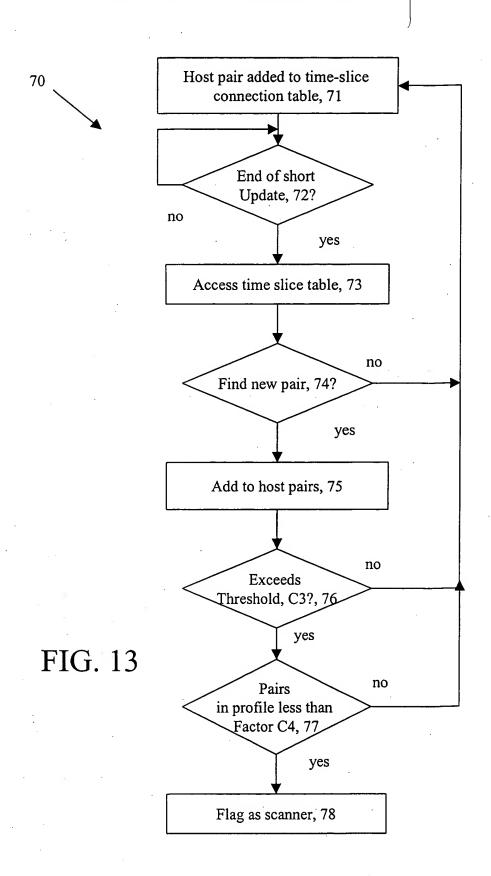


FIG. 11

Applicant(s): Unknown at this time
DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



Applicant(s): Unknown at this time



Matter No.: 12221-018001 Page 16 of 42

Applicant(s): Unknown at this time

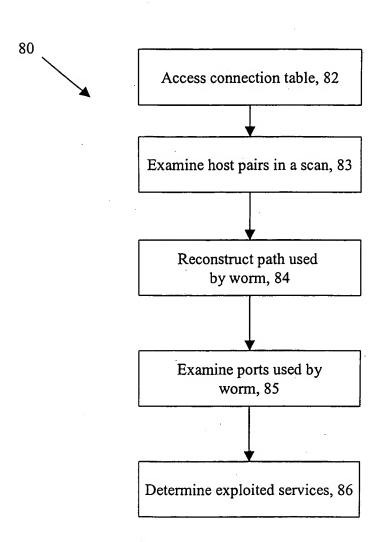
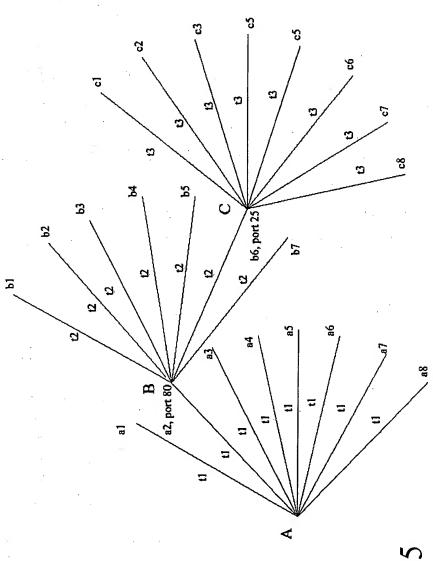


FIG. 14

Matter No.: 12221-018001 Page 17 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



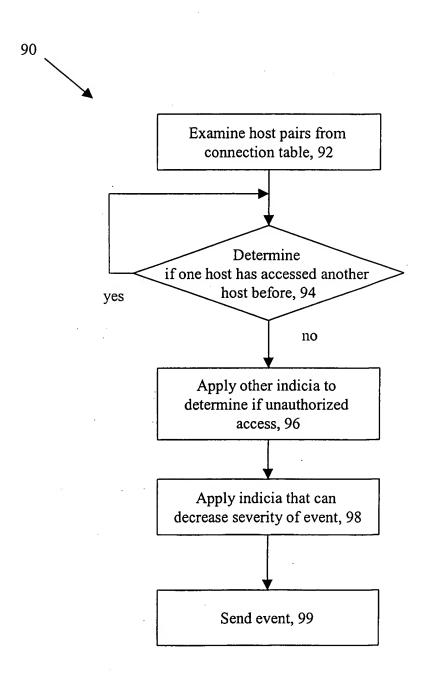


FIG. 16

Applicant(s): Unknown at this time

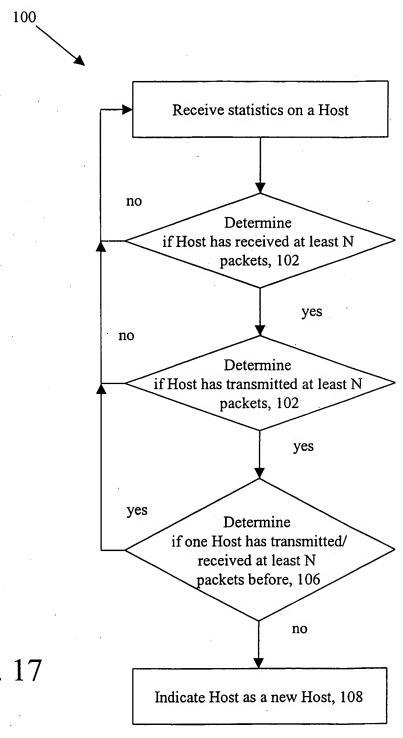


FIG. 17

Applicant(s): Unknown at this time

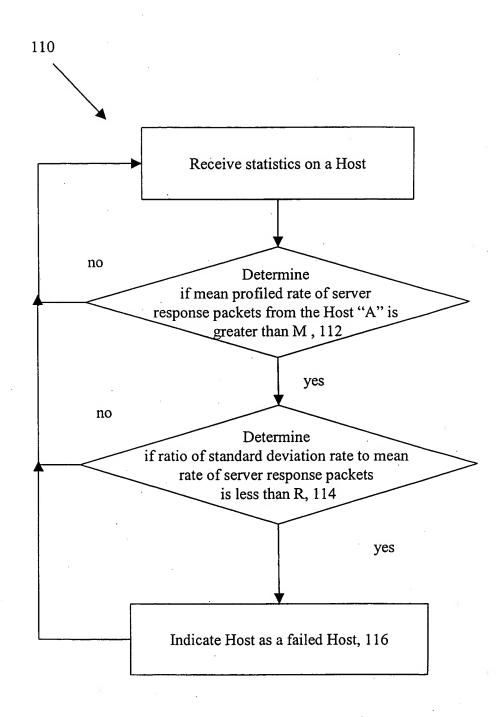
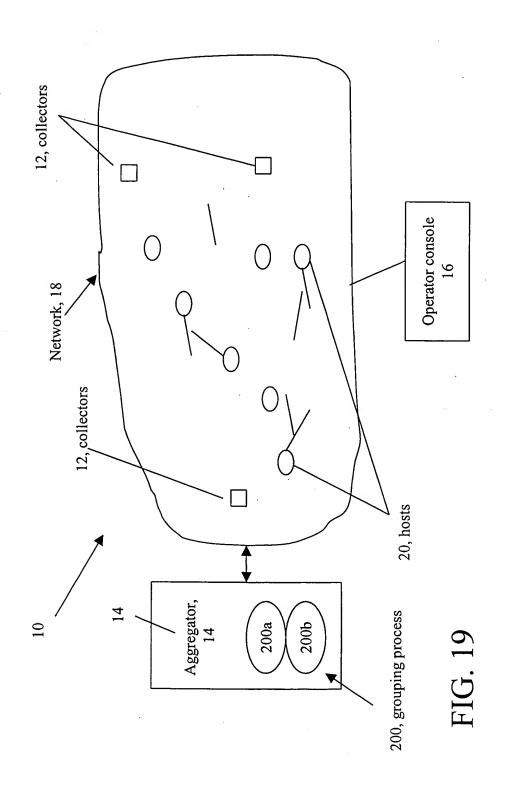
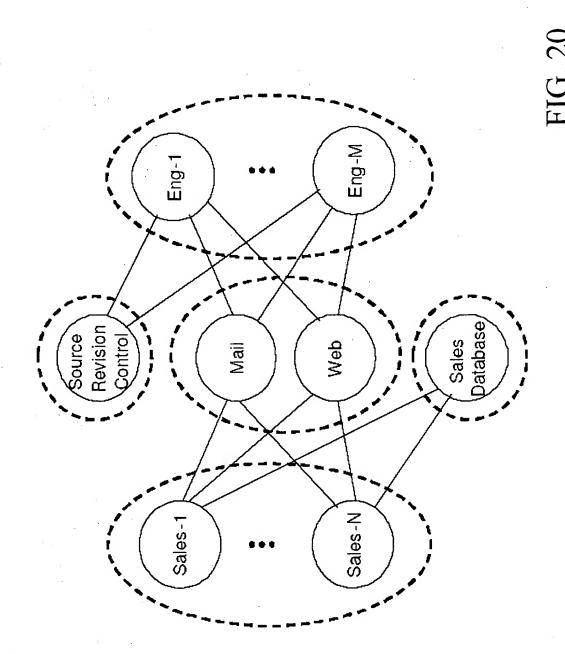


FIG. 18

Matter No.: 12221-018001 Page 21 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



Matter No.: 12221-018001 Page 22 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



Applicant(s): Unknown at this time

Page 23 of 42

DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

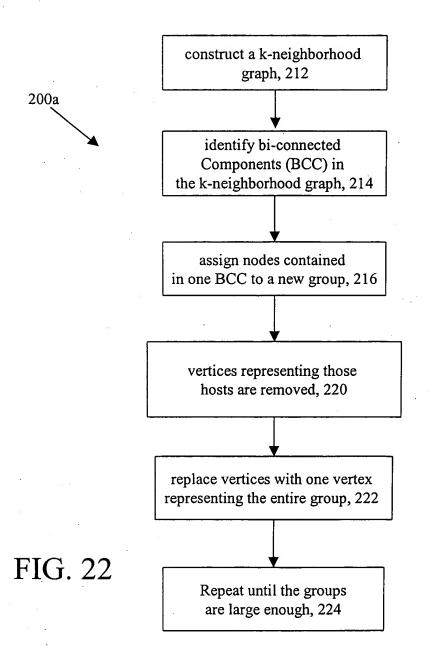
200

FIG. 21

Form groups of nodes according to connection patterns, 200a

Merge groups into larger groups according to connection habits, 200b

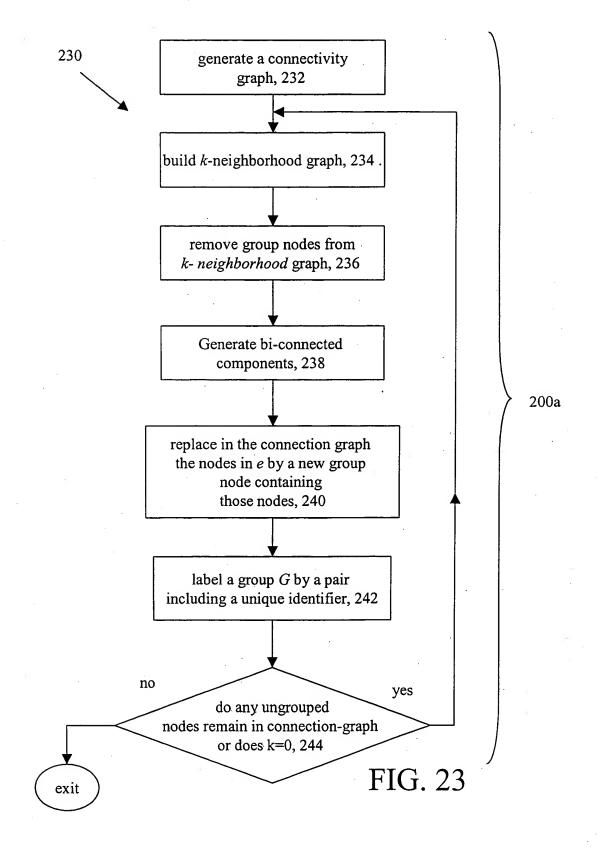
Applicant(s): Unknown at this time



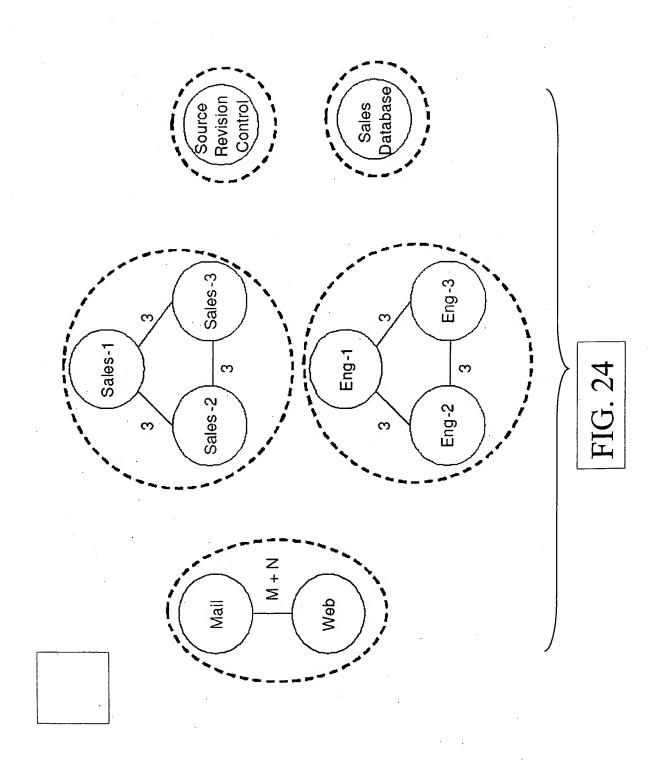
Applicant(s): Unknown at this time

DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

Page 25 of 42

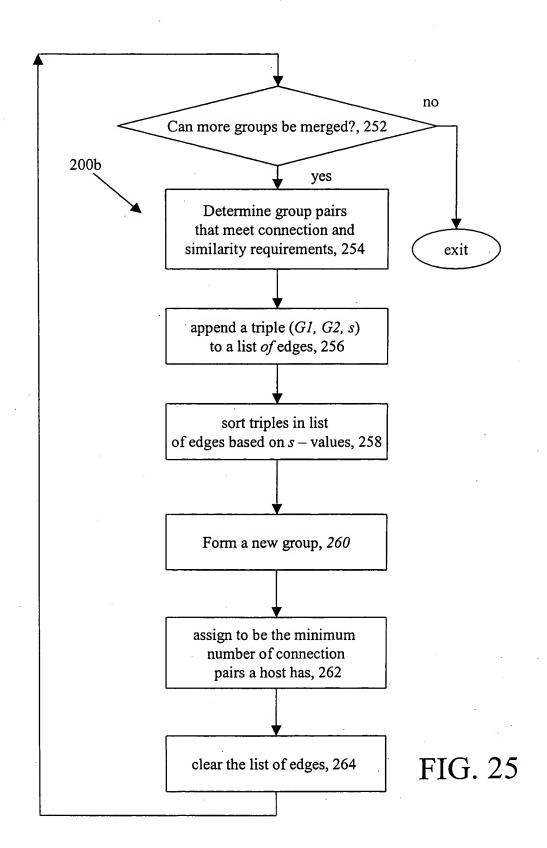


Matter No.: 12221-018001 Page 26 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



Page 27 of 42

Applicant(s): Unknown at this time



Page 28 of 42

Applicant(s): Unknown at this time

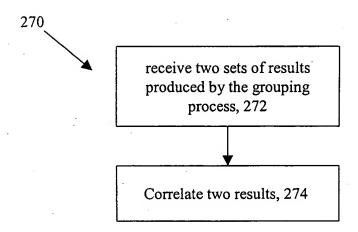


FIG. 26

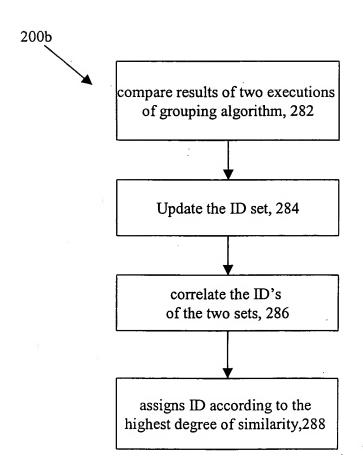


FIG. 27

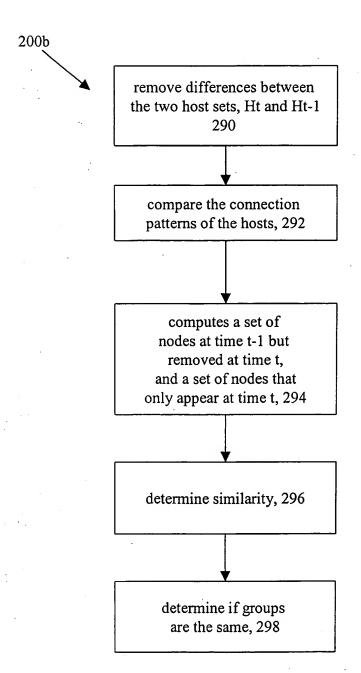
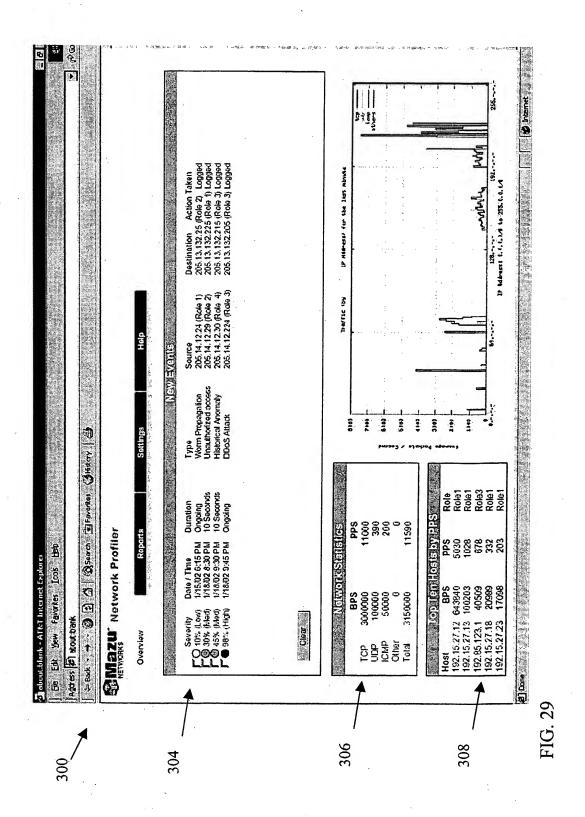
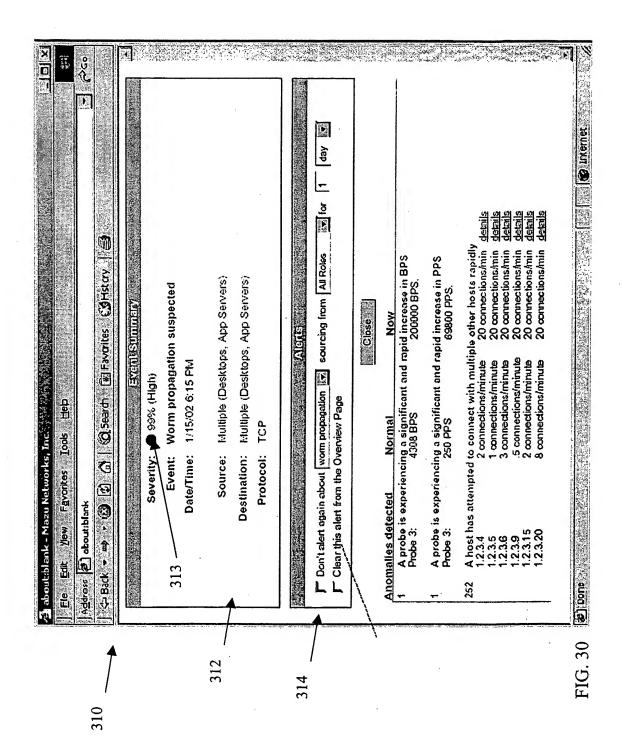


FIG. 28

Applicant(s): Unknown at this time



Page 32 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



Page 33 of 42

Matter No.: 12221-018001 Page 33 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

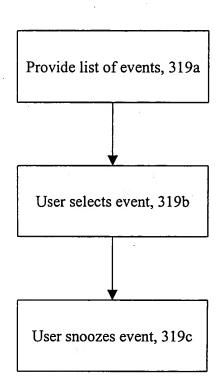
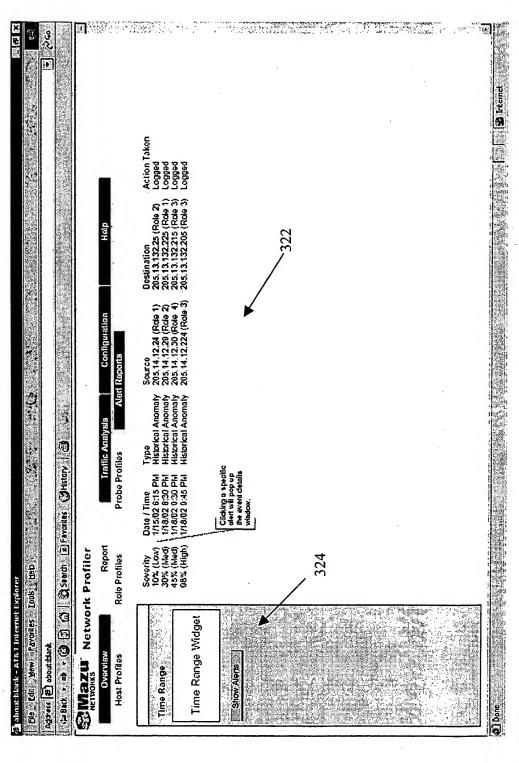
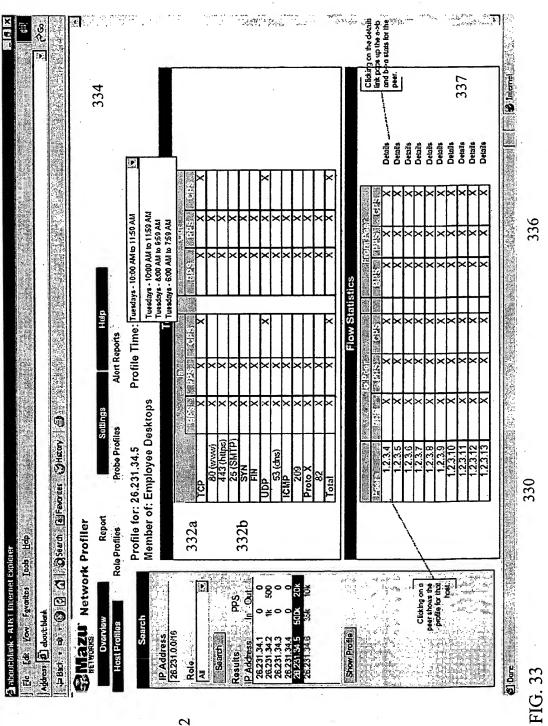


FIG. 31

Applicant(s): Unknown at this time
DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

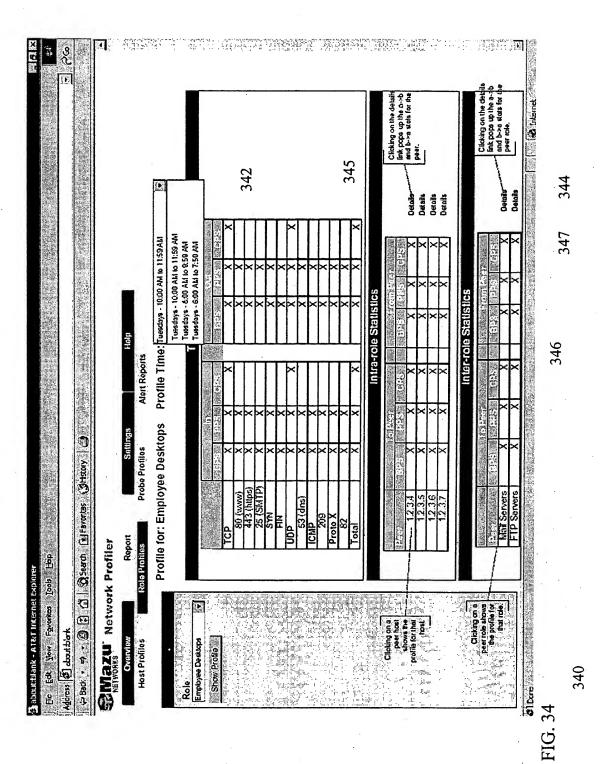


Applicant(s): Unknown at this time
DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

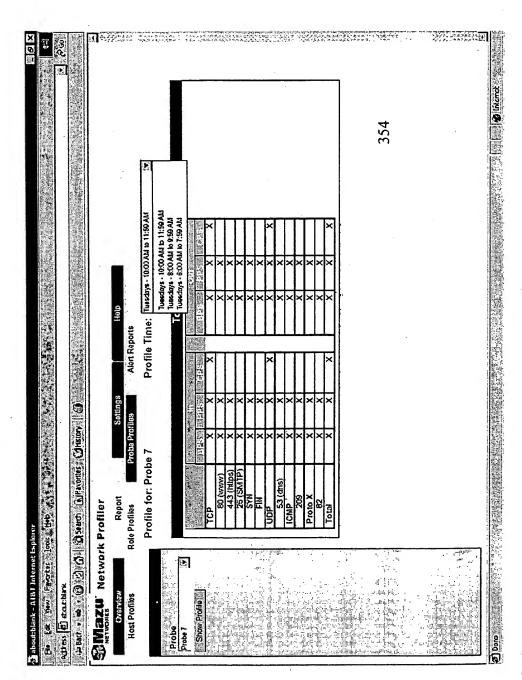


Page 36 of 42

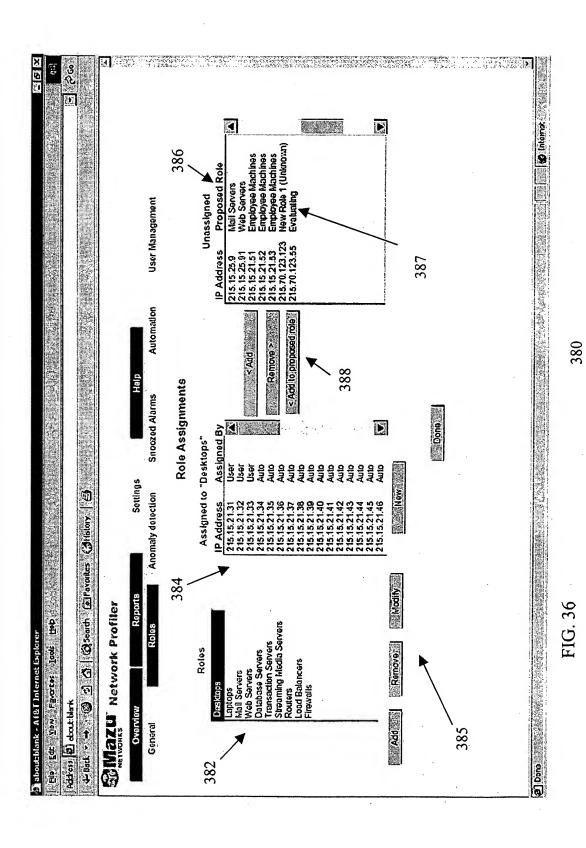
Applicant(s): Unknown at this time



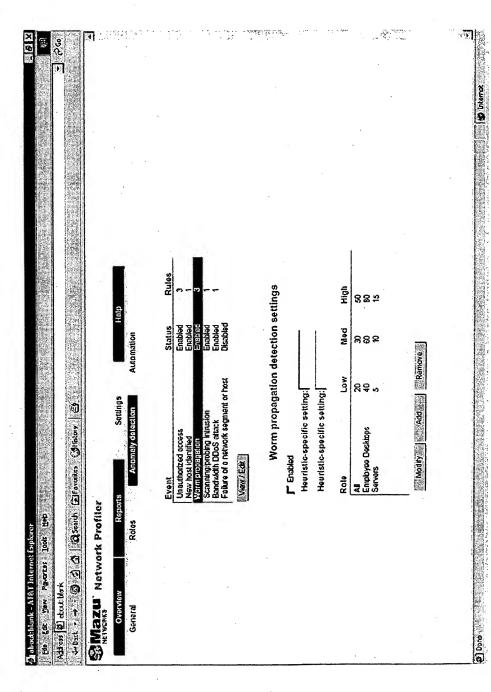
Applicant(s): Unknown at this time
DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



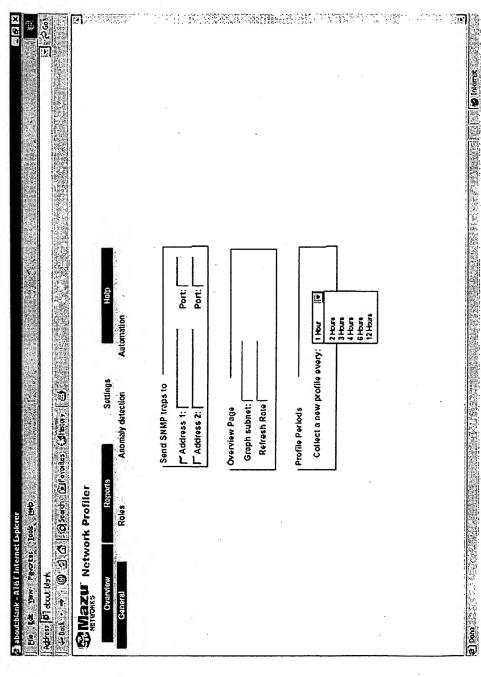
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Matter No.: 12221-018001 Page 39 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

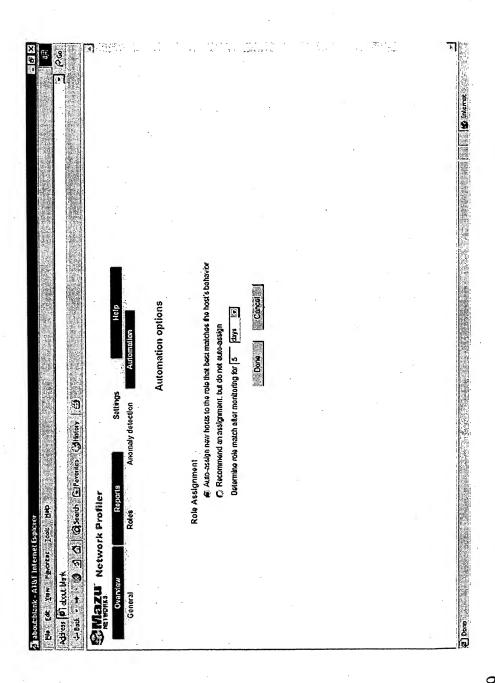


Matter No.: 12221-018001 Page 40 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



Page 41 of 42

Matter No.: 12221-018001 Page 41 of 42
Applicant(s): Unknown at this time
DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK



Matter No.: 12221-018001 Page 42 of 42 Applicant(s): Unknown at this time DETECTION OF UNAUTHORIZED ACCESS IN A NETWORK

